

FRANKLIN ENGINE COMPANY

MODELS: Aircooled Motors Franklin 2A4-49-B2 and 2A4-45-B2

T.C. NUMBER: T.C. 240

Model - Franklin	2A4-49-B2	2A4-65-B2
	(Formerly 2AL-112-A2)	
Type	2H0A	--
Rating:		
Maximum continuous, hp, rpm, full throttle at S.L. press. alt.	49-3000-S.L.	45-2600-S.L.
Take-off, hp, rpm, full throttle	49-3000	45-2600
Fuel (minimum octane aviation gasoline)	8C	--
Bore and stroke, in.	4.5 x 3.5	--
Displacement, cu. in.	112	--
Compression ratio	8:1	--
Weight (dry) lbs.	116	--
G.C. location -		
Forward of rear mount		
C.L., in.	1.8	--
Below propeller		
shaft, in.	.3	--
Propeller shaft (6 bolts on 4 in. circle with 5, 3/8 in. and one 7/16 in. bolts)	Integral flange	--
Carburetion	Marvel-Shebler MA-3	--
Ignition, dual	Eisemann AMA-2, magnetos with impulse coupling	--
Timing, deg. BTC	30	--
Spark plugs	Auto-Lite A6-B, Champion AJ-66, C-10	--
Oil sump capacity, qts.	3	--
Certification basis	Type Certificate No. 240 (Expired 12/5/50)	

NOTE 1. Maximum permissible cylinder head, barrel, and oil inlet temperature
480 degrees F., 275 degrees F., and 220 degrees F. respectively.

NOTE 2. Eligible with AC diaphragm type fuel pump, Part No. 10551,
at additional weight of 3 lbs.